

WHAT IS CLAIMED IS:

1. A paper sheet take-out apparatus comprising:
a placing device which places paper sheets as a
stack;

5 a take-out rotor which absorbs and takes out the
uppermost paper sheet placed on the placing device; and
a positioning device which positions the uppermost
paper sheet with respect to the take-out rotor by
causing an absorption block to absorb the paper sheet
10 before taking out the paper sheet.

2. A paper sheet take-out apparatus according to
claim 1, wherein the positioning device causes the
absorption block to absorb the paper sheet by utilizing
the absorbing force of the take-out rotor.

15 3. A paper sheet take-out apparatus according to
claim 2, wherein the take-out rotor has a suction port
to take in air in a part of the circumferential
surface, and the positioning device has a chamber which
is provided opposite to the circumferential surface of
20 the take-out rotor and whose inside air is sucked out
by facing the suction port of the take-out rotor, and
connects the absorption block to the chamber through a
connection pipe.

25 4. A paper sheet take-out apparatus according to
claim 3, wherein the positioning device resets the
absorption of the paper sheet by the absorption block
when the chamber does not face the suction port of

the take-out rotor.

5 5. A paper sheet take-out apparatus according to
claim 1, further comprising a separation roller which
rotates reversely to the take-out rotor, and separates
the paper sheets taken out by the take-out rotor one by
one by the absorption force.

10 6. A paper sheet take-out apparatus according to
claim 1, further comprising an air nozzle which blows
air and arranges the paper sheets taken out by the
take-out rotor.

15 7. A paper sheet take-out apparatus according to
claim 1, wherein the positioning device has a rotary
valve which rotates in synchronism with the take-out
rotor, and an air suction mechanism which interrupts
the air suction by the rotation of the rotary valve,
and causes the absorption block to absorb the uppermost
paper sheet by the suction force of the air suction
mechanism.